

SIDOROV, I.P.; POLUEKTOV, V.M.

Workers' of mine no.7 of "Novovolynskugol' Trust" are mastering
new mining methods. Ugol' 34 no.10:62 O '59. (MIRA 13:2)

- 1.Glavnyy inshener shakhty No.7 tresta Novovolynskugol' (for Sidorov).
- 2.Institut gornogo dela an eser (for Poluektov).
(Lvov-Volyn Basin--Coal mines and mining)

SIDOROV, I.P.; BABOKIN, I.A.; IVANOV, K.I.; MEL'NIKOV, S.S.; POLUEKTOV, V.M.

Results of industrial tests of auger underground coal mining
system. Ugol' 34 no.11:13-18 N '59 (MIRA 13:3)

1. Glavnyy inzhener shakhty No.7 tresta Novovolyaskugol' (for Sidorov).
2. Institut gornogo dela AN SSSR (for all except Sidorov).
(Lvov-Volyn' Basin--Coal mines and mining)
(Boring machinery--Testing)

S/065/61/000/008/004/009
E030/E335

AUTHORS: Silich, M.I., Sidorov, I.P., Martynova, L.L.,
Bukarov, A.R., Yulusov, A.A. and Kisil', I.M.

TITLE: Improved Process for Obtaining Alcohols by the
Oxo-synthesis Method With Suspended Catalyst

PERIODICAL: Khimiya i tekhnologiya topliv i masel, 1961,
No. 8, pp. 19 - 24

TEXT: The authors mention briefly the drawbacks of the
existing technological schemes for obtaining alcohols by
oxo-synthesis. The main drawbacks of the scheme with
suspended catalyst are the erosion of the throttle elements,
the need for paste pumps for transporting the catalyst (which
is in suspension in the liquid) and the existence of a
filtering section which work intermittently. Periodic switching
between gas and liquid streams, a complicated automatic
control and the decomposition of the cobalt carbonyl (decobal-
tisation) are the chief drawbacks of the other two schemes.
The present paper deals with improving the scheme with sus-
pended catalyst. The tests were carried out on a model and
in a pilot plant. In the present process the synthesis occurs
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in the liquid phase and therefore a solvent is used which is isobutyl alcohol at the start of the reaction, changing to the final product as the reaction proceeds. In the laboratory tests a propane-propylene feedstock with 74 to 85% propylene was used, the ratio of raw material to solvent being nearly 1:2 and that of CO to hydrogen 1:1.2. In the pilot plant, synthesis gas was used as feed, with the ratio of hydrogen to carbon monoxide varying between 0.5:1 to 7.5:1, the other parameters being nearly the same as those in the laboratory tests. In order to eliminate the deficiency in the filter system, a re-cycle system using a centrifugal separator was introduced. This system (developed in conjunction with NIIKhIMMASH under the direction of Senior Engineer G.K.Ivanova) enables the filters to work for long periods without cleansing and, by returning the catalyst-rich fraction to the reactor, diminishes the quantity of product going for decobaltisation, filtering, hydrogenization and rectification. Thus, the process of obtaining butyl alcohols is carried out in three stages: 1) production of cobalt carbonyls and hydroformylation of propylene; 2) decomposition of cobalt carbonyls

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(decobaltization) and 3) hydrogenization of aldehydes and alcohols. In the previous two-stage process only alcohols were obtained as the final product; in the present three-stage one aldehydes also are obtained. It has been shown that by hydroformylation at 300 atm. and 125 °C the content of n-aldehydes in the final product increases. It has also been found that at temperatures of 110 to 140 °C and pressures of 25 to 100 atm the catalyst decomposes completely. At 135 °C and 300 atm. propylene converts to n-aldehydes (63%), iso-aldehydes (21%), high aldehydes (11.4%) and by-products (46%), the ratio of n- to iso-aldehydes being 3:1. With decreasing pressures this ratio decreases, being 2.2:1 at 250 atm. and 1.6:1 at 200 atm. During the oxo-reaction carried out in the pilot plant at temperatures between 135 and 160 °C, a pressure of synthesis gas of 180-200 atm., content of catalyst of 1-2% and contact time 45 min., a product with a ratio of n- to iso-aldehydes of approximately 2:1 was obtained. This product hydrogenated in a mixture of butyl alcohols in the same ratio. G.N. Klinova, A.D. Yerofeyeva, N.M. Malygina, A.I. Khokhlov, A.I. Zaytseva, T.V. Yelisova and A.I. Busygina

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participated in the tests. There are 3 figures, 2 tables and 11 references: 4 Soviet and 7 non-Soviet. The four latest English-language references quoted are: Ref. 3 - H. Keulemans - U.S. Patent No. 2587858, 1952; Ref. 4 - I. Mertzweeler, W.M. Smith, U.S. Patent No. 2725401, 1955; Ref. 6 - Petroleum 16, No. 10, 291, 1953; Ref. 7 - I. Kirshenbaum, K.L. Hughes - Petr. Refin., 37, No. 6, 209, 1958.

ASSOCIATION: GIAP, LKhK and OKBA

Card 4/4

SILICH, M.I.; SIDOROV, I.P.; MARTYNOVA, L.L.

Hydrogenation of aldehydes obtained by oxo synthesis over a
nickel-chromium catalyst. Khim. i tekhn. topl. i masel 7 no.3:
18-19 Mr '62. (MIRA 15:2)

1. Gosudarstvennyy institut azotnoy promyshlennosti.
(Aldehydes)
(Hydrogenation)

SIDOROV, I.P.; KAZARNOVSKAYA, D.B.; ANDREICHEV, P.P.

Recirculation flow method for studying the kinetics of heterogeneous catalytic reactions at high pressures. Kin.i kat. 3
no.4:523-526 J1-Ag '62. (MIRA 15:8)

1. Gosudarstvennyy nauchno-issledovatel'skiy institut azotnoy promyshlennosti.

(Catalysis)

STREL'TSOV, O.A.; SAMARIN, B.P.; SIDOROV, I.P.; RUSOV, M.T.

Catalysts and catalytic processes occurring in long layers.

Kin.i kat. 3 no.4:580-582 J1-Ag '62.

(MIRA 15:8)

1. Gosudarstvennyy institut azotnoy promyshlennosti i Institut
fizicheskoy khimii imeni L.V.Pisarshevskogo AN USSR.
(Catalysis) (Chemical reactors)

KAZARNOVSKIY, Ya.S.; KAZARNOVSKAYA, D.B.; SIDOROV, I.P.

Equilibrium of homogeneous gas mixture reactions at high
pressure. Khim.prom. no.10:747-750 0 '62. (MIRA 15:12)
(Gases)
(Chemical equilibrium)

KAZARNOVSKAYA, D. B.; SIDOROV, I. P.; KAZARNOVSKIY, Ya. S.

Determination of the compressibility of methanol, carbon
monoxide-hydrogen and carbon monoxide-hydrogen-methanol
mixtures at high temperatures and pressures. Khim. prom.
no.3:205-211 Mr '63. (MIRA 16:4)

(Methanol)	(Carbon monoxide)	(Hydrogen)
	(Compressibility)	

L 17438-63
BW/RM/WW/JD

EPR/EPF(c)/EWP(q)/EWT(m)/BDS AFFTC/ASD Ps-4/Pr-4

ACCESSION NR: AP3004299

S/0064/63/000/005/0024/002570

AUTHORS: Livshits, V. D. (Candidate of technical sciences); Sidorov,
I. P. (Candidate of technical sciences); Beskova, A. P.

TITLE: Effect of methane and its admixtures upon ammonia synthesis 27

SOURCE: Khimicheskaya promy'shlennost', no. 5, 1963, 24-25

TOPIC TAGS: methane, ammonia, ammonia synthesis

ABSTRACT: Authors studied the effect of methane and some of its admixtures which are contained in a nitrogen-hydrogen mixture upon ammonia synthesis. Natural gas from the Saratov and Dashansk beds was tested. The effect of methane in the gases from each of these fields was studied with one and the same catalyst in three series of tests. The ammonia yield in a pure nitrogen-hydrogen mixture of stoichiometric composition was determined in the first series. The same mixture with an admixture of methane was analyzed in the second series. The pure mixture of stoichiometric

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ACCESSION NR: AP 3004299

composition was tested again in the third series. The effect of pure methane was tested at a pressure of 300 atm., temperatures of 450, 475 and 500C, space velocities of 15,000-90,000 hour⁻¹ and concentrations of 5, 16 and 30% by volume. Authors found that even a maximum methane content (30% by volume) does not have a negative effect upon the performance of the ammonia catalyst (ammonia yield in first and third series of tests was identical). When methane is added to the nitrogen-hydrogen mixture, the ammonia yield is noticeably reduced. The assumption that this is caused by a reduction in the mixture's partial pressure on account of methane rarefaction was not justified. Authors conclude that presence of methane inhibits ammonia synthesis. Orig. art. has: 3 tables.

ASSOCIATION: none

SUBMITTED: 00

DATE ACQ: 15Aug63

ENCL: 00

SUB CODE: CH

NO REF SOV: 002

OTHER: 00

Card

2/2

LIVSHITS, V.D., kand. tekhn. nauk; SIDOROV, I.P., kand. tekhn. nauk;
BESKOVA, A.P.

Effect of methane and its impurities on the process of
ammonia synthesis. Khim. prom. no.5:344-345 My '63.
(MIRA 16:8)

KAZARNOVSKIY, Ya.S.; KAZARNOVSKAYA, D.B.; SIDOROV, I.P.

Equilibrium of the reaction of methanol synthesis from carbon
monoxide and hydrogen at high pressure. Khim. prom. no.6:
426-433 Je '63. (MIRA 16:8)

(Methanol) (Carbon monoxide) (Hydrogen)

• • • • •

Information of the composition of carbonaceous hydrogen-
rich mixtures. *Membr. 21*, 1967-68 and '69. (MIRA 19:8)

father of plaintiff, born [redacted] 1908-09 of '66.

(MIRA 19:8)

KALINKIN, N. B.; ROMANOVSKIY, V. I.; SIDOROV, I. S.

Setting-up device for automatic multicut lathes. Mashino-
stroitel' no.10:14-15 0 '62. (MIRA 15:10)

(Lathes)

KALINKIN, N.B.; ROMANOVSKIY, V.I.; SIDOROV, I.S.

Special adjustment of the IA730 semiautomatic multicut lathe
for machining sleeves. Avt. prom. 29 no.7:36 JI '63.

(MIRA 16:8)

1. Novosibirskiy stankostroitel'nyy zavod imeni XVI parts"yezda.
(Lathes)

ROMANOVSKIY, V.I.; SIDOROV, I.S.; TUPIKIN, A.I.

Device for rapid take-off of cutting tools. Avt. prom. 29
no.11:42-43 N '63. (MIRA 16:12)

1. Novosibirskiy stankostroitel'nyy zavod imeni XVI Parts"yezds.

ROMANOVSKIY, V.I.; SIDOROV, I.S.

The MT-29 automatic multicut lathe. Stan. 1 instr. 34 no.9:
39-40 S '63. (MIRA 16:11)

KALINKIN, N.B.; ROMANOVSKIY, V.I.; SIDOROV, I.S.

Cutting-tool holder with a rebound mechanism. Mashinostroitel'
no.6:32 Je '64. (MIRA 17:8)

2A SIDOROV, I.S.

15

The problem of organic residues in the soil. I. S. Sidorov. *Padology* (U.S.S.R.) 1967, 730-5.—A report on the status of org. matter in a 10-year grass-grain rotation, in relation to its decompo. and balance of plant nutrients.

ASH-SLA METALLURGICAL LITERATURE CLASSIFICATION

SIDOROV, I. S.

"Water and Fertilizing System of the Soil Under Grassland Crop Rotation Conditions
(In the Zone of Unstable Humidification of the Northern Caucasus)." Krasnodar Kray
Administration of Agriculture, Soil Biological Laboratory of the Acad Sci USSR,
Krasnodar, 1952
(Dissertation for the Degree of Doctor of Agricultural Sciences)

30: Knizhnaya Letopis', No. 32, 6 Aug 55

SIDOROV, I.S.; IVANOV, P.K.; KABANOV, P.G.; SINITSINA, K., red. STARICHEV, V.,
red.; LUKASHVICH, V., tekhn. red.

[Cropping practices in the Southeast] O sisteme zemledel'ia na
Iugo-Vostoke. [Saratov] Saratovskoe knizhnoe izd-vo, 1956, 139 p.
(Volga Valley--Agriculture) (MIRA 11:10)

SIDOROV, I.S., redaktor

[Methods of raising good crops in the Volga region] Puti polucheniia
vysokikh urozhayev v Povolzh'e. Moskva, Gos. izd-vo selkhoz. lit-ry,
1957. 255 p.
(Volga Valley--Field crops)

SIDOROV, I.S., prof.

International Conference on soil Cultivation. Zemledelie 23
no.10:89-90 0 '61. (MIRA 14:9)
(Tillage--Congresses)

SIDOROV, I.S., prof.

"

Early potatoes as a fallow crop. Zemledelie 25 no.4:47-49 Ap
'63. (MIRA 16:5)
(Kostroma Province—Potatoes) (Ivanovo Province—Potatoes)

SIDOROV, I.S., prof.

Beacon lights in the Chirchik Valley. Zemledelie 25 no.5:93-94
My '63. (MIRA 16:7)

(Chirchik Valley--Agriculture)

SIDOROV, I.S.

Characteristics of the water conditions of Chernozem soils in
10-field crop rotation. Pochvovedenie no.7:93-103 J1 '64.
(MIRA 17:8)

L 65207-65 EWT(m)/EWA(m)-2

ACCESSION NR: AP5021735

UR/0306/65/002/002/0090/0090

AUTHOR: Alikhanov, A. I.; Bayatyan, G. L.; Brakman, E. V.; Galaktionov, Ya. V.;
Yeliseyev, G. P.; Yech, T. A.; Zel'dovich, O. Ya.; Landabero, L. G.; Lyubimov, V.
A.; Sidorov, I. V.

TITLE: Elastic backward scattering of π -mesons by neutrons in the 1.4-4.0 Bev/s pulse range

SOURCE: Zhurnal eksperimental'noy i teoreticheskoy fiziki. Pis'ma v redaksiyu. Prilozheniye, v. 2, no. 2, 1965, 90-94

TOPIC TAGS: pi meson, particle scatter, neutron scattering

ABSTRACT: The elastic backward scattering reaction $\pi^- + n \rightarrow \pi^- + n$ is studied in the 1.38-4.05 Bev/s pulse range. 1700 events of this reaction were collected with a pion scattering angle of $> 90^\circ$. The solid angles for these events were measured (accuracy of measurement in the horizontal plane was 1° and in the vertical plane $\sim 3^\circ$). The results are given in graphic and tabular form. Orig. art. has: 3 figures, 1 table.

ASSOCIATION: none

Card 1/2

SIDOROV, I. V. Cand Vet Sci -- (diss) ^{Peculiarities} "Characteristics of the
Effect of Emetine and Ditrachine ^{up} on Animals." Mos, 1957. 16 pp 21 ~~mx~~
cm. (Mos Veterinary Academy of the ~~MINISTRY OF~~ Min of
Agriculture USSR), 140 copies (KL, 25-57, 116)

- ~~109~~ -

111

SIDOROV, I.Ya., polkovnik

Use of aviation against maritime communication lines. Mor.sbor.
44 no.3:36-42 Mr '61. (MIRA 14:4)
(Aeronautics, Military)

SIDOROV, K.

Education of Children

Let us be like Lenin! Klub 2, No. 1, 1953.

9. Monthly List of Russian Accessions, Library of Congress, May 1953. Unclassified.

500 11, 1.

..P-1036 (Mitt. Institut of cotton) Kochnee op. livanie Klopchatnika.
Kolhoznoe Proizvodstvo, 10(1): 13, 1990.

SIDOROV, K.

Close contacts with the industrial enterprises. Sov.profsoluzny
6 no.13:60-61 0 '58. (MIRA 11:11)
(Gorkiy--Community centers)

KASYMKHODZHAYEV, S.; SIDOROV, K., starshiy instruktor; SHABAYEV, V.

Inspection of red corners is in progress. Sov. profsoiuzy 18 no.
11:34-35 Je '62. (MIRA 15:6)

1. Zaveduyushchiy kul'turno-massovym otdelom Tashkentskogo respublikanskogo soveta profsoyuzov, g. Tashkent (for Kasymkhodzhayev).
2. Gor'kovskiy oblastnoy sovetskiy professional'nykh soyuzov (for Sidorov).
3. Rostovskiy zavod sel'skokhozyaystvennogo mashinostroyeniya (for Shabayev)

(Community centers)

VINNIK, I.F.; SIDOROV, K.A.

Early diagnosis and surgical tactics in cancer of the thyroid gland.
Vopr. onk. 11 no.10:95-100 '65.

(MIRA 18:10)

1. Iz kliniki Voenno-morskoy i gosital'noy khirurgii (nachal'nik
prof. Ye.V.Smirnov) i kliniki fakul'tetskoy terapii (nachal'nik -
prof. V.A.Beyyer) Voenno-meditsinskoy ordena Lenina akademii im.
S.M.Kirova.

SIDOROV, K.A.

Significance of autoimmune mechanisms in the pathology of the thyroid gland. Probl. endok. i gorm. 11 no.5:3-8 S-0 '65.
(MIRA 19:1)

1. Klinika fakul'tetskoy terapii (nachal'nik - prof. V.A. Beyyer) Voenno-meditsinskoy ordena Lenina akademii imeni S.M. Kirova, Leningrad. Submitted October 27, 1964.

a I 9785-66
ACC NR: AP5028541

SOURCE CODE: UR/0286/65/000/020/0151/0151

AUTHORS: ¹¹¹Kavalerov, A. A.; ⁴⁴Miroshnichenko, P. A.; ⁴⁴Norinskiy, Ye. Ya.; ⁴⁴Sidorov, K. I.; ⁴⁴Glazman, B. M.; ⁴⁴Krymchanskiy, F. G.; ⁴⁴Ivanov, I. I.

ORG: none

TITLE: Earth digging machine for ditch digging. Class 84, No. 175895 [announced by Special Construction Bureau No. 1 of the State Committee on Construction, Road Building and Municipal Machinery Construction at GOSSTROYe of the SSSR (Osoboye konstruktorskoye byuro No. 1 gosudarstvennogo komiteta stroitel'nogo, dorozhnogo i kommunal'nogo mashinostroyeniya pri GOSSTROYe SSSR)]

SOURCE: Byulleten' izobreteniy i tovarnykh znakov, no. 20, 1965, 151

TOPIC TAGS: earth handling equipment, construction equipment, tractor, transportation equipment

ABSTRACT: This Author Certificate presents a ditch digging machine. The machine includes a tractor and a supporting frame on which are mounted a cutter, a discharge cone, a thrower with rotating mantle, a plow-type wideners, and a drive (see Fig.1). To decrease the metal and power requirements, the digger is con-

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UDC: 621.879.48.867.9

L 9785-66

ACC NR: AP5028541

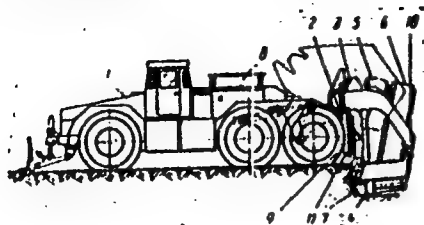


Fig. 1. 1 - Tractor; 2 - lifting frame;
3 - face cutter; 4 - discharge cone;
5 - thrower; 6 - rotating thrower mantle;
7 - plow-shaped wideners; 8 - drive;
9 - movable cutting blades; 10 - mantle
support; 11 - levers of face cutter.

structed with a face cutter on the hub of which movable cutting blades are mounted. These are automatically rotated when the face cutter rotation is reversed. The cutter has a common drive with the thrower whose rotating mantle is mounted on a central support. A second feature has the rotation mechanism for the movable blades executed in the form of a pneumatic cylinder which is mounted in the sleeve of the lifting frame and which acts on levers rigidly connected to the blades of the face cutter. Orig. art. has: 1 figure.

SUB CODE: 13/

SUBM DATE: 09Jul64

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L 11374-67 LWT(1) SCTB DI/GD

ACC NR: AT6036499

SOURCE CODE: UR/0000/66/000/000/0066/0068

AUTHOR: Bizin, Yu. P.; Gorban', G. M.; Zinov'yev, V. M.; Pilipyuk, Z. I.;
Sidorov, K. K.; Solomin, G. I.; Shirskaya, V. A.; Yablochkin, V. D.

ORG: none

TITLE: Changes in several physiological indices of the organism in a gas medium formed by polymer decomposition [Paper presented at the Conference on Problems of Space Medicine held in Moscow from 24 to 27 May 1966]

SOURCE: Konferentsiya po problemam kosmicheskoy meditsiny, 1966. Problemy kosmicheskoy meditsiny. (Problems of space medicine); materialy konferentsii, Moscow, 1966, 66-68

TOPIC TAGS: toxicology, polymer degradation, central nervous system, liver, closed ecological system, air pollution

ABSTRACT: The combined effect on animal organisms of the chemical substances formed by the degradation of some 14 polymers at temperatures in excess of 40°C was studied in a 25-day experiment.

Analysis of air from the chamber containing 80 laboratory animals showed the following: acrylonitrile, $2.8 \pm 1.7 \text{ mg/m}^3$; aldehydes, $0.02 \pm 0.01 \text{ mg/m}^3$; ammonia, $4.6 \pm 1.3 \text{ mg/m}^3$; acetone $1.07 \pm 0.6 \text{ mg/m}^3$; dibutylphthalate, $3.7 \pm 0.4 \text{ mg/m}^3$; sulphur dioxide, $1.77 \pm 0.8 \text{ mg/m}^3$; carbon monoxide,

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ACC NR: AT6036499

19.1 ± 1.3 mg/m³; hydrocarbons, 600 ± 218 mg/m³; hydrogen chloride, 2.46 ± 1.2 mg/m³; epichlorhydrine, 0.33 ± 0.08 mg/m³; ethyl acetate, 1.61 ± 0.6 mg/m³; and ethylene glycol, 0.7 ± 0.4 mg/m³.

Carbon dioxide content varied up to a maximum of 1%, oxygen content was 21%, and the relative humidity varied from 60 to 80%.

Blood studies conducted on the animals included erythrocyte count, leukocyte count, reticulocyte count, and hemoglobin determinations, as well as duration of bleeding, rate of coagulation, prothrombin time, thrombocyte count, and blood viscosity. Ability to synthesize hippuric from benzoic acid was taken as an index of the functional state of the liver.

In addition, observations were made of behavior and general conditions of the animals, dynamics of weight changes, tolerance to physical stress, and oxygen requirement. Relative weights of internal organs were determined.

The experimental animals were observed preceding, during, and for 14 days after the experiment.

Prolonged continuous exposure of the animals to the chemical substances liberated by the polymers produced nonspecific functional shifts.

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ACC NR: AT6036499

CNS effects included subcortical irritation and weakening of cortical subordination function. This resulted in intersection of extensor and flexor motor chronaxy curves, lowered susceptibility to brain stem hexanol narcosis, and increased tolerance to physical stress.

Peripheral blood studies showed increased erythrocyte, hemoglobin, and thrombocyte counts.

These CNS and peripheral blood shifts were unstable and nonspecific, and should be regarded as an adaptation reaction of the organism to the presence of gases released by polymer materials. This interpretation is supported by full restoration of the altered functions and indices to the initial state within 14 days after the end of the experiment.

It is concluded that the investigated polymers can be used in space cabins so long as the gases they liberate are scrubbed from the cabin air before they attain the maximum permissible concentration for small closed compartments.
[W.A. No. 22; ATD Report 66-116]

SUB CODE: 06 / SUBM DATE: 00May66

Card 3/3

SIDROV, K. P.

20016 SIDROV, K. P. Itogi issledovaniya raboty opylibateley na khlopchatnike.
Sel. khoz-vo tadzhikistana, 1949, No. 3, s. 15-20.

SO: LETOPIS ZHURNAL STATEY, Vol. 27, Moskva, 1949.

USSR/General and Specialized Zoology - Insects.

P.

Abs Jour : Ref Zhur - Biol., No 9, 1958, 40132

Author : Sidorov, K.P.

Inst : -

Title : The Control of Pests of Vegetable Cultures.

Orig Pub : Sots.s.-kh. Uzbekistana, 1957, No 5, 69-71.

Abstract : A mixture of DDT and hexachlorocyclohexane (HCCH) in equal amounts had a prolonged and high effect against a complex of gnawing and sucking pests of vegetable cultures. Dusting of cabbage with HCCH against aphids produces great economical results. Even a three-times treatment of cabbage with a 6% HCCH dust (24 kg/hectare) did not affect the odor or taste of the cabbages.

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SIDOROV, K. V.,

"Novaya Zemlya on XVII Century Maps," Chronicle of the North; Yearbook of Historical Geography, History of Geographical Discoveries and Exploration of the North) v. 2 Moscow, Geografiz, 1957. 279 p. (Akademiya nauk SSSR. Kommissiya po problemam Severa).

Editorial Board: Andreyev, A. I., Belov, M. I., Burkhanov, V. F., Yefimov, A. V. (Resp. Ed.), Chernenko, M. B. (Deputy Resp. Ed.) and Shcherbakov, D. I.; Ed.: Vorontsova, A. I.; Tech. Ed.: Kosheleva, S. M.; Map. Ed.: Mal' chevskiy, G. N.

PURPOSE: The book is intended for readers interested in the Soviet Arctic.

COVERAGE: The present volume, the second of a series of three, is a collection of 27 articles by various authors presenting an historical account of the exploration and economic development of the Soviet North. A small part of the book is devoted to Arctic areas beyond the confines of the Soviet Union. The aim of the book is to contribute to an understanding of the physical geography, cartography, ethnography, and economy of the Soviet North through a historical survey of these factors. A large number of authors explorers, scientists, travellers, pilots, navigators, etc. are cited.

SIDOROV, K.V.

Novaya Zemlya on 17th century maps. Let. Sev. 2:107-120 '57.
(MIRA 10:12)

1. Arkticheskiy nauchno-issledovatel'skiy institut Glavsevmorputi.
(Novaya Zemlya--Maps)

1. PRIVEZENTSEV, V. A., CIE RV, K. V. Eng.
2. USSR (600)
4. Electric Conductors
7. V.A. Privezentsev's "Winding conductors with enamel and fiber insulation." Reviewed by Eng. K. V. Sidorov. Elektrichestvo No. 2, 1953.

9. Monthly List of Russian Accessions, Library of Congress, June 1953. Unclassified.

SIDOROV, Konstantin Vasil'yevich; KOZYREVA, Maria Nikolayevna; MACHERET,
Lev Il'ich; LAKERNIK, Rafail Moiseyevich; PASHCHENKO, Valentin
Yevgen'yevich; SAARYAN, Gabriyel' Rafailovich; KUZNETSOV, P.V.,
redaktor; LARIONOV, G.Ye., tekhnicheskij redaktor.

[Economy of materials and power in the "Moskabel" plant; collection
of articles] Ekonomiya materialov i elektroenergii na zavode "Moskabel";
sbornik statei; Moskva, Gos. energ. izd-vo, 1954. 86 p.
(Electric cables) (MIRA 8:4)

MARKOSYAN, M.M., kandidat tekhnicheskikh nauk, dotsent (g.Yerevan);
MACHERET, L.I., inzhener; SIDOROV, K.V., inzhener.

Review of V.A.Privesentsev's book "Production of power cables."
Elektrichestvo no.2:94-96 P '57. (MLRA 10:3)

1. Moskovskiy kabel'nyy zavod "Moskabel'" (for Sidorov, Macheret)
(Electric cables)

8/105/60/000/07/25/027
0007/2005

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Alexandrov, S. V., Lelionov, A. N., Dragic, S. M., Gromova, I. I., Drazhev, N. G., Yarnov, S. M., Jense, V. G., Marjole, I. M., Crostinsky, I. D., Kabyllina, G. P., Slonova, E. F., and Others

Bildrey, K. J., and others

PROF. T. A. PRIVANTONER, ON HIS 65th BIRTHDAY AND THE 35th ANNIVERSARY OF HIS SCIENTIFIC-TECHNOLOGICAL AND ENGINEERING ACTIVITY

PERIODICAL: Kikhetriobastro, 1960, No. 7, p. 94

RES. This is a brief biography of Vladimir Alekseyevich Potentsev, born at the village of Elektrovsk, Moscow Oblast, on June 19, 1900. In 1924 he finished his studies at the Elektrophysicotechnical School in RTD (Department of Electrical Engineering of the KMTU), later on at the Moscow Polytechnical University, and subsequently at the Moscow Institute of Technology and Economy, and the Faculty of Chemistry of the Moscow State University. In 1928 he graduated from the Faculty of Chemistry of the Moscow State University. In 1929 he graduated from the Higher Pedagogical Course at Moscow in 1932, and a Professor in 1946.

Professor T. A. Prosser. On his 60th Birthday and the 15th Anniversary of his

3/103/60/003/07/25/027
2007/2005

Reliability

In 1930, he obtained the degree Doctor of Technical Sciences in 1932. From June 1931, he worked for 20 years at the "vodokanal"- ("vodoobsluzhivaniye") where he was a chief engineer between 1941 and 1945. From 1945 he worked as a chief engineer at the Tsentralskiy nauchno-issledovatskiy KPI (Central Civil Laboratory) and as a deputy director for the scientific section of the laboratory involved in building habo; no progress has been made in research Institute of the Civil Engineering. Represented in the rationalization of mechanical constructions for 1-10 kv. conducted the production of automobile engines, and also cast glass wool, approved and passed finalisation. For 25 years he has been working at the M.I. at the S.M.E. He is supervising the work of post-graduate students. He wrote many books, handbooks on civil engineering, and more than 100 articles. For 16 years, he was the responsible editor of the scientific-technical periodical of cable engineering (journal of the "Soyuztekhnika". Excess and the electrical) conducted for 7 years the label nye volnyaya Khar'kov-

Professor V. A. Pivovarenko, on the 65th Birthday and the 35th Anniversary of His Scientific-Pedagogical and Engineering Activity

2/103/60/000/07/25/C27
2007/0025

[illegible]

KUTSOVOL, M.S.; SIDOROV, K.V.; NOVIKOVA, F.S., inzh.

Fiftieth anniversary of the "Moskabel'" factory. Vest. elektroprom.
33 no.3:4-9 Mr '62. (MIRA 15:3)

1. Direktor zavoda "Moskabel'" (for Kutsovol). 2. Glavnyy inzh.
zavoda "Moskabel'" (for Sidorov).
(Electric equipment industry)

AVIUMIN, P.H.; SIDOROV, K.V.

Strength of textolite bushings. Metallurg 9 no.10:34 0 '64
(NIRA 18:1)

1. Zavod "Dneprospetsstal".

SIDOROV, L.

Bins for feeding materials. Stroitel' 2 no.4-5:19 Ap-May '56.

(Bins)

(MIRA 10:1)

STRATILATOV, P.V., red.; SIDOROV, L.A., red.; SMIRNOV, G.I., tekhn. red.;
SHCHEPTEVA, T.A., tekhn. red.

[Collection of articles on teaching geometry in secondary schools]
Sbornik statei po voprosam prepodavaniia geometrii v srednei
shkole. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1958.
188 p. (MIRA 11:12)

(Geometry--Study and teaching)

SIDOROV, L. A.

Zheleznodoroznyi transport russii v pervoi mirovoi voine i obstrenie ekonomicheskogo krizisa v strane. /Railroad transportation in Russia in the first world war, and the aggravation of the economic crisis inside the country./ (In Istoricheskie zapiski Akademii nauk SSSR, 1948, no 26, p. 3-64).

DLC: DK1. 18

SO: Soviet Transportation and Communications, A Bibliography. Library of Congress Reference Department, Washington, 1962, Unclassified.

SIDOROV, L.F.

STANYUKOVICH, K.V.; KRIVONOGOVA, M.B.; LADYGINA, G.M.; SIDOROV, L.F.

Vegetation belts of the Trans-Alai and Alai Ranges in the Kashgar
Kyzyl-Su basin. Izv. Otd. est. nauk AN Tadzh. SSR no.16:165-173
'56. (MLBA 10:4)

1. Panirekaya biologicheskaya stantsiya AN Tadzhikskoy SSR.
(Alai Valley--Phytogeography)

SIDOROV, L.F.

Water supply of workers during mining operations. Dig. i san. 21
no.9:92 S '56. (MLBA 9:10)

1. Is voroshilovgradskoy oblastnoy sanitarno-epidemiologicheskoy
stantsii.

(MINNES--DISEASES AND HYGIENE) (WATER SUPPLY)

SIDOROV, L.F.

Occurrence of *Carex pycnostachya* Kar. Bot. zhur. 44 no.3:370-372
Mr '59. (MIRA 12:7)
(Bulun-Kul' region--Sedges)

SOV/20-127-4-38/60

3(3,5)

AUTHOR:

Sidorov, L. F.

TITLE:

On the Problem of the Ancient Glaciation of the Pamir (K
voprosu o drevnem oledeneni Pamira)

PERIODICAL:

Doklady Akademii nauk SSSR, 1959, Vol 127, Nr 4, pp 860-861
(USSR)

ABSTRACT:

The determinations of the ancient glaciation of the Pamir so far made were not sufficiently accurate. References 2,4,5,9-11 indicate that there were at least 2 glacial periods in the Pamir, the first being more extensive. References 1,6-8, indicate that the existence of one glacial period only can be determined with accuracy. The diversity of assumptions makes the solution of many problems very difficult and sometimes leads to wrong paleographic constructions. In the course of several years' investigations the author frequently came across signs of two glacial periods in the Pamir. He mentions several examples and analyzes the climatic details of the Pamir in connection with it (the influence of monsoon, the "dropping" of air in the Pamir valleys). If the importance of the more ancient glaciations is ignored and the activity of the glaciers

Card 1/2

SOV/20-127-4-38/60

On the Problem of the Ancient Glaciation of the Pamir

of the last glacial period overestimated an incorrect evaluation of the importance of the more ancient glaciations in forming the reliefs of the main valleys of the Pamir may be brought about (Ref 1). Also, the explanation of the developmental history of the whole natural Pamir complex becomes very complicated. Co-workers of the biological station of the institute mentioned in the Association participated in the investigation. There are 12 Soviet references.

ASSOCIATION: Botanicheskiy institut Akademii nauk TadzhSSR (Botanical Institute of the Academy of Sciences Tajik SSR)

PRESENTED: March 16, 1959, by D. V. Nalivkin, Academician

SUBMITTED: March 12, 1959

Card 2/2

RANOV, V.A.; SIDOROV, L.F.

Variations in the natural conditions of the Pamirs in the Holocene.
Dokl. AN Tadzh. SSR 3 no.3:21-24 '60. (MIRA 16:2)

1. Institut istorii, arkheologii i etnografii AN Tadzhikskoy SSR
i Pamirskaya baza AN Tadzhikskoy SSR. Predstavleno akademikom
AN Tadzhikskoy SSR A.P. Nedzvetskim.
(Pamirs--Paleoclimatology)

GUSEV, Yu.D.; SIDOROV, L.P.

Ecology of *Populus pamirica* Kom. at the upper limits of its range. Bot.zhur. 45 no.3:444-445 M. '60. (MIRA 13:6)

1. Botanicheskiy institut im. V.L.Komarova Akademii nauk SSSR, Leningrad i Pamirskaya biologicheskaya stantsiya Tadzhikskoy SSR, pos. Chechekty.
(Sarek region--Poplar)

LUKANENKOVA, V.K.; SIDOROV, L.F.

Upper altitudinal limits of shrubs in the mountains of the
S.S.R. Bot. zhur. 46 no. 2:201-207 F '61. (MIRA 14:2)
(Pamirs—Shrubs) (Mountain ecology)

LUKANENKOVA, V.K.; SIOROV, L.F.

Factors governing the position of the upper limit of shrubs in mountains of the U.S.S.R. at the boundary between Western and Central Asia. Bot. zhur. 46 no.9:1294-1298 S '61. (MIRA 14:9)

1. Pamirskaya baza Akademii nauk Tadzhikskoy SSR, Stalinabad.
(Gorno-Badakhshan Autonomous Province--Shrubs)

BUTOMO, S.V.; RANOV, V.A.; SIDOROV, L.F.; SHILKINA, I.A.

Paleogeographic results of the exploration of an alpine Stone-age
camp site in the Pamirs. Dokl. AN SSSR 146 no.6:1380-1382
O '62. (MIRA 15:10)

1. Leningradskoye otdeleniye Instituta arkheologii AN SSSR,
Pamirskaya baza AN Tadzhikskoy SSR i Botanicheskiy institut im.
V.L. Komarova AN SSSR. Predstavleno akademikom D.V. Nalivkinym.
(Pamirs—Paleogeography)

REYMAN, V.M.; ~~SIDOROV, L.F.~~

On the ancient glaciation of the southeastern Pamirs.
Dokl. AN SSSR 147 no.2:452-453 N '62. (MIRA 15:11)

1. Institut geologii AN TadzhSSR i Pamirskaya baza
AN TadzhSSR. Predstavleno akademikom D.V. Nalivkinym.
(Pamirs--Glacial epoch)

SIDOROV, L.F.

Development of the vegetation of the Pamirs in the post-glacial period. Bot. zhur. 48 no.5:625-639 My '63.
(MIRA 17:1)

1. Pamirskaya baza AN Tadzhikskoy SSR, g. Khorog.

1. M. I. M.; M. I. M., kaul. geograf. nauk, nachnaya institut
1964

Characteristics of the vegetative cover of the Shadpat region in
the Pamirs. Izv. zap. Fed. inst. Gerts. 239:161-165 '64.

(MIRA 18:3)

SIDOROV, L.F.

Boundary between southwestern and Central Asia. Izv. Vses.
geog. ob-va 96 no.6:495-498 N-0 '64 (MIRA 18:1)

SIDOROV, L.F.

Moraine superposition in the Pamirs as an evidence of recent
elevations. Izv. Vses. geog. ob-va 97 no.1:78-80 Ja-F '65.
(MIRA 18:3)

СИЛАЧОВ, Л.Е.; ПОТАПОВ, Р.Л.

History of the forests of the Pamirs and contiguous areas in the
Upper Quaternary. Bot. zhur. 50 no.6:765-774 Je '65. (MIRA 18:7)

1. Leningradskiy gosudarstvennyy pedagogicheskiy institut imeni
Gertsena i Zoologicheskiy institut AN SSSR, Leningrad.

SIDOROV, L.F.; SAPOV, D.F.

Quaternary history of the relief of the Lake Yashil'kul' basin
in the Pamirs. Izv. Vses. geog. ob-va 97 no.6:518-526 N-D '65.
(MIRA 19:1)

AKISHIN, P.A.; GOROKHOV, L.N.; SIDOROV, L.N.

Mass-spectrometric study of the evaporation of sodium chloride
and lithium fluoride with the aid of a double effusion chamber.
Vest.Mosk.un.Ser.mat.,mekh.,astron.,fiz.,khim. no.6:194-204
'59. (MIRA 13:10)

1. Kafedra fizicheskoy khimii Moskovskogo universiteta.
(Evaporation) (Alkali metal halides)
(Mass spectrometry)

AKISHIN, P.A.; GOROKHOV, L.N.; SIDOROV, L.N.

Mass-spectrometric study of cesium halides. Dokl. AN SSSR
135 no.1:113-116 N°60. (MIRA 13:11)

1. Moskovskiy gosudarstvennyy universitet im. M.V.Lomonosova.
Prestavleno akademikom V.N.Kondrat'yevym.
(Cesium halides)

L 18379-63
 ACCESSION NR: AP3001224 EPF(c)/EWP(q)/EWT(m)/BDS AFFTC/ASD Pr-L WW/JD/JW
 S/0078/63/008/006/1520/1522

AUTHOR: Akishin, P. A.; Belousov, V. I.; Sidorov, L. N. 64

TITLE: Vapor pressure of zirconium tetrafluoride 27

SOURCE: Zhurnal neorganicheskoy khimii, v. 8, no. 6, 1963, 1520-1522

TOPIC TAGS: vapor pressure, zirconium tetrafluoride, mass spectrometry, heat of sublimation

ABSTRACT: Vapor pressure of ZrF_4 was measured by mass spectrometry. In the temperature interval 681-913K, $\lg p = 13.5571 - 12430/T$. Value obtained for heat of sublimation agrees with that obtained by K. A. Sense, Snyder and Gilbert (J. phys. chem., 58, 995, 1954); also, Sense and Snyder, Glegg. (U.S. atomic energy comp. AECD-3708). However, vapor pressure value obtained was higher than that in above reference, and lower than that of S. Kantor, Newton, Crimes and Blackenship (J. phys. chem. 62, 96, 1958). Orig. art. has: 2 tables, 2 figures, 5 equations.

ASSOCIATION: none

SUBMITTED: 26Sep62

SUB CODE: 00

Card 1/1

DATE ACQ: 01Jul63

NO REF SOV: 002

ENCL: 00

OTHER: 003

L 13702-63

EWI(1)/BDS AFFTC/ASD

ACCESSION NR: AP3003519

8/0020/63/151/001/0136/0139

52

AUTHORS: Sidorov, L. N.; Akishin, P. A.

TITLE: Mass-spectrometric method for determining the partial pressures of steam and relative cross-sections of ionization of molecules by full vaporization isotherm

SOURCE: AN SSSR. Doklady*, v. 151, no. 1, 1963, 136-139

TOPIC TAGS: mass spectrometry, partial pressure of steam, molecular ionization, vaporization isotherm

ABSTRACT: The mass-spectrometric method establishes which molecules exist in the gaseous phase and determines the relative cross-sections of ionization and partial pressures of steam on many-component systems. The paper was presented by Academician P. A. Rebinder on 4 March 1963. Orig. art. has: 7 formulas and 1 figure.

ASSOCIATION: Moskovskiy gosudarstvennyy universitet im. M. V. Lomonosova (Moscow State University)

SUBMITTED: 28Feb63
SUB CODE: CH, PH

DATE ACQ: 30Jul63
NO REF SOV: 004

ENCL: 00
OTHER: 001

Card 1/1

ACCESSION NR: AP4011447

S/OC 76/64/038/001/0146/0150

AUTHORS: Sidorov, L. N. (Moscow); Akishir, P. A. (Moscow); Belousov, V. I. (Moscow); Shol'ts, V. B. (Moscow)

TITLE: Mass spectrometric study of the thermodynamic properties of the NaF-ZrF₄ system (Section 1)

SOURCE: Zhurnal fiz.khim, v. 38, no. 1, 1964, 146-150

TOPIC TAGS: complex fluorides, sodium fluoride, zirconium fluoride, fluoride mass spectrometry, NaF-ZrF₄ system

ABSTRACT: This work was prompted by earlier indications that complex fluorides of alkali and polyvalent metals exist in their gas phases. Inconsistency of the vapor pressure method with other methods induced the authors to undertake a mass spectrometric investigation with the aid of a MS-4 instrument. As a result of observations and extensive mathematical derivations, curves of ionic currents were plotted and equations derived for the dependence of NaF monomer, dimer and trimer vapor pressure on temperature. In saturated vapor of the NaF-ZrF₄ system at 877C, a NaZrF₅ molecule was found which upon ionisation⁴

Card 1/2

ACCESSION NR: AP4011447

produces a Na^+ ion. Orig. art. has: 1 Figure, 12 Formulas, 3 Tables.

ASSOCIATION: Moskovskiy gosudartstvennyy universitet im. M. V.
Lomonosova (Moscow State University)

SUBMITTED: 16Apr63

DATE ACQ: 14Feb64

ENCL: 00

SUB CODE: CH

NR REF SOV: 006

OTHER: 011

Card 2/2

NOVOSELOVA, A.V.; ORLOVA, Yu.V.; SOBOLEV, B.P.; SIDOROV, L.N.

"Formation of beryl from silicate (Be_2SiO_4) formation. Dokl. AN
SSSR 199 no.6:1333-1335 1964 (MIRA 18:1)

1. Moskovskiy gosudarstvennyy universitet. 2. Chlen-korrespondent
AN SSSR (for Novoselova).

CHUDOV, L.N.; KUSHIN, F.A.; BELOV, V.I.; CHOY, V.B.

Mass spectrometric study of the thermodynamic properties of the
NaF - ZrF₄ system. Part 2. Zhur. fiz. khim. 38 no.5:1173-1181
My '64. (MIRA 18:12)

I. Moskovskiy gosudarstvennyy universitet imeni Lomonosova.
Submitted May 24, 1965.

SIDOROV, L.N.; AKISHIN, P.A.; SHUL'IS, V.B.; KORENEV, Yu.M.

Mass spectrometric study of the thermodynamic properties of
the $\text{NaF} \cdots \text{ZrF}_4$ system. Part 3. Zhur. fiz. khim. 39 no.9:
2150-2156 S '65. (MIRA 18:10)

1. Khimicheskiy fakul'tet, Moskovskiy gosudarstvennyy uni-
versitet imeni M.V. Lomonosova.

SIDOROV, L.S.

The IZh-250-type small screw-cutting lathe. Biul.tekh.-ekon.
inform. no.12:21-22 '59. (MIRA 13:4)
(Screw-cutting machines)

L 30993-66 EMT(m)/T
ACC NR: AT6002498

SOURCE CODE: UR/3138/65/000/350/001/0012

AUTHOR: Alikhanov, A. I.; Bayatyan, G. L.; Brakhsan, E. V.; Eliseev, G. P.;
Galaktionov, Yu. V.; Landsberg, L. G.; Lyubimov, V. A.; Sidorov, L. V.; Zeldovich,
O. Ya.; Yetch, F. A.

ORG: none

TITLE: π^- - meson-neutron elastic backward scattering at 1.4-4.0 bev/c

SOURCE: USSR. Gosudarstvennyy komitet po ispol'zovaniyu atomnoy energii. Institut teoreticheskoy i eksperimental'noy fiziki. Doklady, no. 350, 1955. Pi sup minus-meson-neutron elastic backward scattering at 1.4-4.0 Bev/c, 1-12

TOPIC TAGS: pion scattering, neutron scattering, elastic scattering, scattering cross section, angular distribution, spark chamber

ABSTRACT: The authors study the elastic backward scattering reaction

$\pi^- + n \rightarrow \pi^- + n$

in the 1.38-4.05 bev/c range. A spark chamber was used with photographic and neutron counter registration. The experimental installation was highly efficient in

Card 1/2

L 30993-66

ACC NR: AT6002498

recording γ -quantum from π^0 -decays, and the admixture of inelastic events

$$\pi^- + n \rightarrow \pi^- + n + K\pi^{0+}$$

in the 1700 cases of the elastic backward scattering reactions which were selected for study was no more than 2%. The solid angles for these cases were measured and the absolute cross sections were determined. Tables are given showing the cross section $\bar{\sigma}_n = \bar{\sigma}_{D_2O} - \bar{\sigma}_{H_2O}$ and $R = \bar{\sigma}_{H_2O}/\bar{\sigma}_{D_2O}$ as functions of energy. The total error

in calculation of these cross sections due to necessary corrections for pion-pion and pion-neutron scattering in the ambient medium, electronic efficiency, beam composition and the shielding effect of nucleons in the deuterium was 25%. Data for $\bar{\sigma}_n$ and $\langle \sigma_n \rangle$ as functions of energy show some irregularity in the 2-3 bev region

which may be due to resonance. Measurements of angular distribution for pion-neutron scattering show a minimum in the 162-180° region. The momentum transfer function is used as a basis for calculating the width of this minimum. A comparison of the experimental data obtained in this paper with those in the literature shows that the cross section $ds/d\Omega$ is approximately inversely proportional to energy when the momentum transfer is constant. Orig. art. has: 4 figures, 2 tables.

SUB CODE: 20/ SUBM DATE: 00/ ORIG REF: 000/ OTH REF: 009

Card 2/2 *LC*

SIDOROV, M.

Practical mass work in school. Sov. profsoiuzy 3 no.11:52-54 N '55.
(MIRA 9:1)

1.Predsedatel' komiteta profsoyusa rabotnikov nachal'noy i srednev
shkoly Severo-Kavkazskoy zheleznoy dorogi.
(Krasnodar--Technical education)

SIDOROV, M., inzhener (Moskva).

Increase the effectiveness of industrial planning. Vop.ekon. no.4:
127-130 Ap '57. (MLRA 10:5)
(Labor productivity)

SIDOROV, M., inzh.

~~Financing~~ industrial construction. Vop. ekon. no. 1:139-142 Ja '58.
(Finance) (MIRA 11:3)

SIDOROV, M.; KOPYLOV, B.

Radio

My work experience at the operation section. Sov. sviaz. 3, No. 3, 1953.

Monthly List of Russian Accessions, Library of Congress, June 1953. Uncl.

SIDOROV, M.

Tractors - Repairing

Organization of tractor and agricultural machinery repairs by the production unit method. MTS 12 No. 3, 1952.

Monthly List of Russian Accessions, Library of Congress, Aug. 1952. Unclassified

SIDOROV, M.A.

Nonspecific serum in haemorrhagic septicemia in sheep and goats.
Veterinariia 32 no.5:36 My '55. (MLRA 8:7)

1. Starshiy veterinarnyy vrach Ministerstva sel'skogo khozyaystva.
Turkmenoskoy SSR.
(SEPTICEMIA--PREVENTIVE INOCULATION)

SIDOROV, M.A. podpolkovnik med. sluzhby

Biomycin therapy in dysentery. Voen.med.zhur. no.3:43-45 Mr '57.
(DYSENTERY, BACILLARY, therapy, (MIRA 11:3)
chlortetracycline (Rus)
(CHLORTETRACYCLINE, therapeutic use,
dysentery, bacillary (Rus)

SIDOROV, Mikhail Alekseyevich; KAPTSOV, N.A., professor, redaktor;
MEZENTSIN, V.A., redaktor; AKHLAMOV, S.N., tekhnicheskii redaktor

[From shavings to electricity] Ot luchiny do elektrichstva. Pod
red. N.A.Kaptsova. Izd. 2-oe. Moskva, Gos. izd-vo tekhniko-teoret.
lit-ry, 1956. 61 p. (Nauchno-populiarnaya biblioteka, no.56)
(Lighting) (MIRA 9:9)

KOVALENKO, Ya.R., prof.; SIDOROV, M.A., kand. veterin. nauk; BURBA, L.G.,
kand. veterin. nauk

Clinical picture of experimental African swine fever. Veterinariia
41 no.1:40-43 Ja '65. (MIRA 18:2)

1. Vsesoyuznyy institut eksperimental'noy veterinarii.

SIDOROV, Mikhail Andreyevich; SHRAYMAN, M.G., spets.red.;
SMIRNOV, Ye.I., red.; GERASIMOVA, Ye.S., tekhn.red.

[How to improve the planning and financing of capital
construction] Kak uluchshit' planirovanie i finansiro-
vanie kapital'nogo stroitel'stva. Moskva, Ekonomizdat,
1963. 69 p. (MIRA 16:10)
(Construction industry--Finance)

SIDOROV, Mikhail Aleksandrovich

[Practical laboratory work in the course "Science of materials" for sanitary-engineering mechanics] Laboraturno-prakticheskie raboty po kursu "Materialovedenie" dlia siesareis-santekhnikov. Moskva, Vysshiaia shkola." 1964. 34 p. (MIRA 18:1)

L 40988-66 EWT(1)/T JK

ACC NR: AR6011857

SOURCE CODE: UR/0299/65/000/020/B023/B023

AUTHOR: Kovalenko, Ya. R.; Sidorov, M. A.; Burba, L. G.

TITLE: Use of a leukocyte culture to differentiate African plague virus from swine plague virus

SOURCE: Ref. zh. Biologiya, Abs. 20B145

REF SOURCE: Dokl. VASKhNIL, no. 11, 1964, 36-41

TOPIC TAGS: virus, virus disease, blood, African swine fever

ABSTRACT: Swine African plague virus strain L causes hemadsorption of leukocytes with subsequent lysis of infected cells. Swine African plague virus in a leukocyte culture multiplies with passage and accelerates the lysis of affected cells. Following 15 passages the virus did not lose its virulence for swine. Swine plague virus of the Dorset strain and lapinized strains K and VIEV do not cause hemadsorption and cytolysis of cells in a leukocyte culture, but certain culture changes (more marked granulation) were observed. The reaction test of Melmkvist and Hay is recommended for differentiation of swine African plague virus and swine plague virus. The effect of other types of viruses, causative agents of infectious diseases in swine, on leukocyte

Cord: 1/2

UDC: 576.858.74/76

L 40988-66

ACC NR: AR6011857

cultures should be studied. From a resume. [Translation of abstract].

SUB CODE: 06

Card 2/2 11b

SIDOROV, Mikhail Dmitriyevich; BERSENEV, I.S., red.; KOROGODIN, A.S.,
red.izd-va; NAZAROVA, A.S., tekhn.red.

[Use of natural gas as fuel in industrial and municipal boiler
installations] Ispol'zovanie prirodnogo gaza kak topliva v
promyshlennyykh i kommunal'nykh kotel'nykh ustanovkakh. Moskva,
Izd-vo M-va kommun.khoz.RSFSR, 1960. 38 p.

(MIRA 14:1)

(Gas, Natural)

(Boilers)

SIDOROV, M.D.; BANDARENKO, Yu.A., inzh., retsenzent; MART'YANOV, E.V.,
inzh., retsenzent; ROMANTSOV, E.I., inzh., retsenzent; CHERNOUSOV,
N.P., inzh., retsenzent; GOFLIN, A.P., kand. tekhn. nauk, red.;
VASIL'YEVA, V.P., red.izd-va; SHCHETININA, L.V., tekhn. red.

[Handbook on air and gas blowing machines] Spravochnik po voz-
dukhoduvnym i gazoduvnym mashinam. Moskva, Mashgiz, 1962. 257 p.
(MIRA 15:12)

(Fans, Mechanical) (Air compressors) (Belts and belting)